

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) An arrangement for controlling gear positions in a car, comprising:
  - a console having a wall, and one or more sensors arranged in connection to said wall;
  - a gear lever constructed to move back and forth in a first and second principal direction essentially perpendicular to each other;
  - a code device constructed to interact with said one or more sensors, wherein the code device is connected to the gear lever so that the code device moves in a first direction of movement upon motion of the gear lever in said first principal direction, and in a second direction of movement upon motion of the gear lever in said second principal direction, wherein the code device is pivotably secured adjacent to the gear lever; and
  - means for biasing the code device in a direction of toward said console wall; and
  - means for making the motion of the code device in the first direction of movement identical regardless of whether the gear lever is guided forward or backward in its first principal direction, when the gear lever is provided in a first position or a second position in its second principal direction of movement, the means comprising an arm, wherein the code device is pivotably secured, and in which the arm, in turn, is pivotably secured about an axis, wherein the arm, by means of a mechanism involving a cam and a cam follower, is actuated to follow a cam curve upon motion of the gear lever in the first principal direction.
2. (Previously Presented) The arrangement according to claim 1 wherein each sensor comprises a plurality of sub-sensors disposed in a path.
- 3.-8. (Cancelled)

9. **(Currently Amended)** The arrangement according to claim [[8]] 1, wherein the cam follower is disposed on the arm and the cam adjoins the gear lever.

10. **(Currently Amended)** The arrangement according to claim 1, wherein the code device comprises a detection element, which is fixed at one end of the arm, the motion of the detection element upon motion of the code device being able to be detected by the said sensors.

11. (Previously Presented) The arrangement according to claim 10, wherein the detection element is pivotably secured at the said one end of the arm.

12. (Previously Presented) The arrangement according to claim 11, wherein the pivot fastening of the detection element is articulated, and in which the device comprises means for biasing the code device toward the wall.

13. **(Currently Amended)** An arrangement for controlling a gearbox in a car, comprising:  
a gear lever constructed to move back and forth in a first and second principal direction essentially perpendicular to each other;

a code device constructed to interact with one or more sensors, wherein the code device is secured in the arrangement so that the code device moves in a first direction of movement upon motion of the gear lever in the said first principal direction, and in a second direction of movement upon motion of the gear lever in the said second principal direction, wherein the code device is pivotably secured adjacent to the gear lever; and

means for biasing the code device in a direction away from the gear lever; and

means for making the motion of the code device in the first direction of movement identical regardless of whether the gear lever is guided forward or backward in its first principal direction, when the gear lever is provided in a first position or a second position in its second principal direction of movement, the means comprising an arm, wherein the code device is pivotably secured, and in which the arm, in turn, is pivotably secured about an axis, wherein the arm, by means of a mechanism involving a cam and a cam follower, is actuated to follow a cam curve upon motion of the gear lever in the first principal direction.

14. (Previously Presented) The arrangement according to claim 13, wherein each sensor comprises a plurality of sub-sensors disposed in paths.

15.-20. (Cancelled)

21. (Currently Amended) The arrangement according to claim 13 ~~[[20]]~~, wherein the cam follower is disposed on the arm, and the cam adjoins the gear lever.

22. (Currently Amended) The arrangement according to claim ~~[[19]]~~ 13, wherein the code device comprises a detection element fixed at one end of the arm, the motion of the detection element upon motion of the code device being detectable by the said sensors.

23. (Previously Presented) The arrangement according to claim 22, wherein the detection element is pivotably secured at the said one end of the arm.